

| Accutest New Jersey | | | | | | | | | | | | |
|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------|
| Job Number: | JC970-JC2056 | | | | | | | | | PRELIMINARY Data | | |
| Account: | Arcadis | | | | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | | | | |
| Project Number: | NY001052.0000.GWHB4 | | | | | | | | | | | |
| | | | | | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21_VP-1 (302-303) | RW_21_VP-1 (326-327) | RW_21_VP-1 (342-343) | RW_21_VP-1 (380-381) | RW_21_VP-1 (405'-406') | RW_21_VP-1 (420-421) | RW_21_VP-1 (440-441) | RW_21_VP-1 (460'-461) | RW_21_VP-1 (480'-481) | |
| Lab Sample ID: | | | JC970-2 | JC1145-3 | JC1145-4 | JC1393-3 | JC1393-4 | JC1505-4 | JC1505-5 | JC1505-6 | JC1505-7 | |
| Date Sampled: | | | 8/6/2015 | 8/10/2015 | 8/10/2015 | 8/12/2015 | 8/12/2015 | 8/13/2015 | 8/13/2015 | 8/13/2015 | 8/13/2015 | |
| Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | |
| Acetone | ug/l | - | ND (3.3) | 4.2 J | ND (3.3) | 3.3 J | 4.5 J | 7.7 J | 8.8 J | 12 | 11.8 | |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 4.2 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | 0.30 J | 0.46 J | ND (0.19) | ND (0.19) | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | |
| 1,1-Dichloroethane | ug/l | 5 | 0.46 J | 0.58 J | 0.38 J | 0.36 J | ND (0.17) | 1.2 | 0.40 J | ND (0.17) | ND (0.17) | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | |
| 1,1-Dichloroethene | ug/l | 5 | 0.59 J | 0.78 J | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | 0.97 J | ND (0.51) | ND (0.51) | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 0.47 J | ND (0.27) | 0.41 J | ND (0.27) | 0.47 J | 4.4 | ND (0.27) | ND (0.27) | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | 0.59 J | ND (0.40) | ND (0.40) | |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | |
| 1,1,1-Trichloroethane | ug/l | 5 | 0.57 J | 1 | 0.61 J | 0.77 J | ND (0.25) | ND (0.25) | 0.28 J | ND (0.25) | ND (0.25) | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| Trichloroethene | ug/l | 5 | 24.1 | 15.9 | 11.4 | 3.1 | ND (0.22) | 2.2 | 6.2 | 0.51 J | 0.51 J | |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | |

| Accutest New Jersey | | | | | | | | | |
|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Job Number: | JC970-JC2231 | | | | | | | | |
| Account: | Arcadis | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | |
| Project Number: | NY001052.0000.GWHB4 | | | | | | | | |
| Legend: | | | | | | | | | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-1 (500-501) | RW_21-VP-1 (520-521) | RW-21_VP-1 (545-546) | RW-21_VP-1 (560-561) | RW_21-VP-1 (590-591) | RW_21-VP-1 (600-601) | RW_21-VP-1 (620-621) |
| Lab Sample ID: | | | JC1709-3 | JC1709-4 | JC1825-3 | JC1825-4 | JC1933-3 | JC1933-4 | JC1933-5 |
| Date Sampled: | | | 8/17/2015 | 8/17/2015 | 8/18/2015 | 8/18/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 |
| Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| Acetone | ug/l | - | 10.6 | 11.8 | 12.2 | 11.7 | 13.9 | 6.0 J | 5.4 J |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 0.36 J | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | 0.20 J | ND (0.19) | ND (0.19) | 0.27 J | ND (0.19) | 1.1 | 3 |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | 0.35 J | ND (0.17) | ND (0.17) | 0.82 J | ND (0.17) | 0.76 J | 2.8 |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | 1.5 | 3.2 |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | 0.59 J | ND (0.51) | 0.79 J | 2.7 |
| cis-1,2-Dichloroethene | ug/l | 5 | 0.28 J | ND (0.27) | ND (0.27) | 1.7 | 0.88 J | 38.4 | 91.6 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | 0.94 J |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | 0.71 J |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | 0.65 J | 2.7 |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 0.27 J | 1.1 |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | 0.33 J | 0.69 J |
| Trichloroethene | ug/l | 5 | 0.86 J | 0.37 J | 0.42 J | 2.8 | 3.4 | 227 | 744 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/22/15

| Accutest New Jersey | | | | | | | | | |
|-------------------------|-------------------------|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PRELIMINARY Data | | Job Number: | JC970-JC2231 | | | | | | |
| | | Account: | Arcadis | | | | | | |
| | | Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | |
| | | Project Number: | NY001052.0000.GWHB4 | | | | | | |
| Hit | Exceed | Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-1 (682-683) | RW_21-VP-1 (700-701) | RW_21-VP-1 (720-720) | RW_21-VP-1 (740-741) | RW_21-VP-1 (760-761) |
| RW_21-VP-1 (640-641) | RW_21-VP-1 (660-661) | Lab Sample ID: | | | JC2056-3 | JC2056-4 | JC2231-3 | JC2231-4 | JC2231-5 |
| JC1933-6 | JC1933-7 | Date Sampled: | | | 8/20/2015 | 8/20/2015 | 8/24/2015 | 8/24/2015 | 8/24/2015 |
| 8/19/2015 | 8/19/2015 | | | | | | | | |
| Ground Water | Ground Water | Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| 9.4 J | 8.6 J | Acetone | ug/l | - | 14.4 | 8.6 J | 15.1 | ND (10) | 10.8 |
| ND (0.24) | ND (0.24) | Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.50) | ND (0.50) | ND (0.50) |
| ND (0.23) | ND (0.23) | Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.23) | ND (0.23) | Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.42) | ND (0.42) | Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (2.0) | ND (2.0) | ND (2.0) |
| ND (5.6) | ND (5.6) | 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (10) | ND (10) | ND (10) |
| ND (0.25) | ND (0.25) | Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | 1.2 J | 15.3 | 0.38 J |
| ND (0.22) | ND (0.22) | Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.19) | ND (0.19) | Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.44) | ND (0.44) | Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (5.0) | ND (5.0) | ND (5.0) |
| ND (0.34) | ND (0.34) | Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.19) | ND (0.19) | Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.41) | ND (0.41) | Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.15) | ND (0.15) | Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.90) | ND (0.90) | Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (2.0) | ND (2.0) | ND (2.0) |
| ND (0.17) | ND (0.17) | 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.18) | ND (0.18) | 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.51) | ND (0.51) | 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1.8 | 0.59 J | cis-1,2-Dichloroethene | ug/l | 5 | 0.70 J | 0.54 J | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.65) | ND (0.65) | trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.39) | ND (0.39) | 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.21) | ND (0.21) | cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.19) | ND (0.19) | trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.27) | ND (0.27) | Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.52) | ND (0.52) | Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (5.0) | ND (5.0) | ND (5.0) |
| ND (1.7) | ND (1.7) | 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (5.0) | ND (5.0) | ND (5.0) |
| ND (1.0) | ND (1.0) | 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| ND (0.73) | ND (0.73) | Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (2.0) | ND (2.0) | ND (2.0) |
| ND (0.27) | ND (0.27) | Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.21) | ND (0.21) | 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.40) | ND (0.40) | Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.16) | ND (0.16) | Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.25) | ND (0.25) | 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.21) | ND (0.21) | 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) | ND (1.0) |
| 16.6 | 6.3 | Trichloroethene | ug/l | 5 | 5.3 | 3.9 | 2.8 | 0.57 J | 0.76 J |
| ND (0.15) | ND (0.15) | Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.38) | ND (0.38) | m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (1.0) | ND (1.0) | ND (1.0) |
| ND (0.17) | ND (0.17) | o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (1.0) | ND (1.0) | ND (1.0) |

| | | |
|---------|-----------|--------|
| | | |
| | PRELIMINA | |
| | | |
| | | |
| Legend: | Hit | Exceed |

| | | | | | | | | | | | |
|---------------------|------|---|-------|-------|-------|------|-----|-------|------|-------|-------|
| Total (SW846 8260C) | ug/l | - | 25.72 | 22.93 | 12.39 | 7.94 | 8.7 | 11.87 | 22.1 | 12.51 | 12.31 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/22/15

| | | | | | | | | | |
|---------------------|------|---|-------|-------|-------|-------|-------|-------|--------|
| Total (SW846 8260C) | ug/l | - | 12.29 | 12.17 | 12.62 | 17.88 | 18.54 | 276.8 | 858.84 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/22/15

| | | | | | | | | | |
|------|-------|---------------------|------|---|------|-------|------|-------|-------|
| 27.8 | 15.49 | Total (SW846 8260C) | ug/l | - | 20.4 | 13.04 | 19.1 | 15.87 | 11.94 |
| 0 | 0 | Total TIC, Volatile | ug/l | - | 0 | 5.1 J | 0 | 0 | 0 |

| Accutest New Jersey | | | | | | | | | | |
|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Job Number: | JC1825-JC2556 | | | | | | | | PRELIMINARY Data | |
| Account: | Arcadis | | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | | |
| Project Number: | NY001052.0000.GWHB4 | | | | | | | | | |
| | | | Legend: | | | | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-2 (303-304) | RW-21_VP-2 (322-323) | RW-21_VP-2 (341-342) | RW-21_VP-2 (363-364) | RW-21_VP-2 (382-383) | RW-21_VP-2 (402-403) | RW-21_VP-2 (422-423) | RW-21_VP-2 (442-443) |
| Lab Sample ID: | | | JC1825-5 | JC1825-6 | JC1825-7 | JC1929-2 | JC1929-3 | JC1929-4 | JC1929-5 | JC1929-7 |
| Date Sampled: | | | 8/18/2015 | 8/18/2015 | 8/18/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 | 8/19/2015 |
| Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| Acetone | ug/l | - | 6.3 J | ND (3.3) | 7.5 J | 7.4 J | ND (3.3) | ND (3.3) | 4.7 J | ND (3.3) |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | 0.37 J | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | 0.96 J | ND (0.25) | ND (0.25) | 0.36 J | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | 0.31 J | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | 0.47 J | 0.93 J | 1.3 | ND (0.17) | ND (0.17) | 0.28 J | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 0.75 J | 0.60 J | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | 0.30 J | 0.52 J | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | 0.44 J | 0.51 J | ND (0.40) | ND (0.40) | 0.91 J | 0.94 J | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.33 J | 0.21 J | 0.19 J | 2.8 | 0.26 J | ND (0.16) | 0.62 J | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | 0.39 J | 0.63 J | 0.50 J | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 6.6 | 11.6 | 5.5 | 0.31 J | 2.5 | 3.2 | ND (0.22) | 0.90 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | 0.58 J | 2.1 | ND (0.38) | ND (0.38) | 0.64 J | ND (0.38) |
| o-Xylene | ug/l | 5 | 0.17 J | ND (0.17) | 0.34 J | 0.92 J | ND (0.17) | ND (0.17) | 0.25 J | ND (0.17) |

| Accutest New Jersey | | | | | | | | | |
|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Job Number: | JC1825-JC2556 | | | | | | | | PR |
| Account: | Arcadis | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | |
| Project Number: | NY001052.0000.GWHB4 | | | | | | | | |
| | | | | | | | | Legend: | Hit |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21-VP-2 (462-463) | RW-21-VP-2 (482-483) | RW-21-VP-2 (502-504) | RW-21-VP-2 (522-523) | RW-21-VP-2 (542-543) | RW_21-VP-2 (561-562) | RW_21-VP-2 (582-583) |
| Lab Sample ID: | | | JC2057-3 | JC2057-4 | JC2057-5 | JC2057-6 | JC2057-7 | JC2230-1 | JC2230-3 |
| Date Sampled: | | | 8/20/2015 | 8/20/2015 | 8/20/2015 | 8/20/2015 | 8/20/2015 | 8/24/2015 | 8/24/2015 |
| Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| Acetone | ug/l | - | 13 | ND (3.3) | ND (3.3) | 7.4 J | 6.6 J | 11.3 | 15.1 |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.50) | ND (0.50) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (1.0) | ND (1.0) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (1.0) | ND (1.0) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (2.0) | ND (2.0) |
| 2-Butanone (MEK) | ug/l | - | 6.0 J | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (10) | ND (10) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (2.0) | ND (2.0) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (1.0) | ND (1.0) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (1.0) | ND (1.0) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (5.0) | ND (5.0) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (1.0) | ND (1.0) |
| Chloroform | ug/l | 7 | ND (0.19) | 1.3 | 3.3 | 0.35 J | 0.21 J | 0.41 J | 0.27 J |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (1.0) | ND (1.0) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (1.0) | ND (1.0) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (2.0) | ND (2.0) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | 4.6 | 4.4 | 0.75 J | 0.23 J | 0.72 J | 0.20 J |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | 0.55 J | 0.82 J | ND (0.18) | ND (0.18) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 3.3 | 2.3 | 0.56 J | ND (0.51) | 0.57 J | ND (1.0) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 14.7 | 11 | 3.2 | 4.3 | 7 | 6.4 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (1.0) | ND (1.0) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (1.0) | ND (1.0) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (1.0) | ND (1.0) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (1.0) | ND (1.0) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (5.0) | ND (5.0) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (5.0) | ND (5.0) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (5.0) | ND (5.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (2.0) | ND (2.0) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (1.0) | ND (1.0) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | 4.8 | 1.7 | 0.79 J | ND (0.40) | 0.69 J | ND (1.0) |
| Toluene | ug/l | 5 | 0.55 J | 0.23 J | ND (0.16) | ND (0.16) | 0.19 J | 0.53 J | ND (1.0) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | 1.3 | 0.97 J | 0.30 J | ND (0.25) | 0.26 J | ND (1.0) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (1.0) | ND (1.0) |
| Trichloroethene | ug/l | 5 | 0.29 J | 45.4 | 34.5 | 7.9 | 9 | 9.6 | 23 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (1.0) | ND (1.0) |
| m,p-Xylene | ug/l | - | 0.45 J | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | 0.52 J | ND (1.0) |
| o-Xylene | ug/l | 5 | 0.21 J | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | 0.26 J | ND (1.0) |

| Accutest New Jersey | | | | | | | | | |
|-------------------------|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ELIMINARY Data | Job Number: | JC1825-JC2556 | | | | | | | |
| | Account: | Arcadis | | | | | | | |
| | Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | |
| | Project Number: | NY001052.0000.GWHB4 | | | | | | | |
| Exceed | Legend: | | | | | | | | |
| RW_21-VP-2 (602-603) | Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-2 (622-623) | RW_21-VP-2 (642-643) | RW_21-VP-2 (662-663) | RW_21-VP-2 (681-682) | RW_21-VP-2 (701-702) | RW_21-VP-2 (722-723) |
| JC2230-4 | Lab Sample ID: | | | JC2230-6 | JC2323-1 | JC2323-4 | JC2323-5 | JC2323-6 | JC2556-1 |
| 8/24/2015 | Date Sampled: | | | 8/24/2015 | 8/25/2015 | 8/25/2015 | 8/25/2015 | 8/25/2015 | 8/27/2015 |
| Ground Water | Matrix: | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| 7.3 J | Acetone | ug/l | - | 10.4 | 6.7 J | 4.8 J | 11.3 | 7.4 J | 7.3 J |
| ND (0.50) | Benzene | ug/l | 1 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.24) |
| ND (1.0) | Bromodichloromethane | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.23) |
| ND (1.0) | Bromoform | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.23) |
| ND (2.0) | Bromomethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (0.42) |
| ND (10) | 2-Butanone (MEK) | ug/l | - | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (5.6) |
| ND (2.0) | Carbon disulfide | ug/l | 60 | ND (2.0) | 0.35 J | ND (2.0) | ND (2.0) | ND (2.0) | 0.26 J |
| ND (1.0) | Carbon tetrachloride | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.22) |
| ND (1.0) | Chlorobenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.19) |
| ND (5.0) | Chlorodifluoromethane | ug/l | - | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (0.44) |
| ND (1.0) | Chloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.34) |
| 0.69 J | Chloroform | ug/l | 7 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.19) |
| ND (1.0) | Chloromethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.41) |
| ND (1.0) | Dibromochloromethane | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.15) |
| ND (2.0) | Dichlorodifluoromethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (0.90) |
| 0.33 J | 1,1-Dichloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.17) |
| 0.61 J | 1,2-Dichloroethane | ug/l | 0.6 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.18) |
| ND (1.0) | 1,1-Dichloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.51) |
| 16.9 | cis-1,2-Dichloroethene | ug/l | 5 | 1.1 | 1.1 | 1.4 | ND (1.0) | ND (1.0) | ND (0.27) |
| ND (1.0) | trans-1,2-Dichloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.65) |
| ND (1.0) | 1,2-Dichloropropane | ug/l | 1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.39) |
| ND (1.0) | cis-1,3-Dichloropropene | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.21) |
| ND (1.0) | trans-1,3-Dichloropropene | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.19) |
| ND (1.0) | Ethylbenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.27) |
| ND (5.0) | Freon 113 | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (0.52) |
| ND (5.0) | 2-Hexanone | ug/l | - | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (1.7) |
| ND (5.0) | 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (1.0) |
| ND (2.0) | Methylene chloride | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (0.73) |
| ND (1.0) | Styrene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.27) |
| ND (1.0) | 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.21) |
| 0.55 J | Tetrachloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.40) |
| ND (1.0) | Toluene | ug/l | 5 | ND (1.0) | 0.23 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.16) |
| ND (1.0) | 1,1,1-Trichloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.25) |
| ND (1.0) | 1,1,2-Trichloroethane | ug/l | 1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.21) |
| 78.1 | Trichloroethene | ug/l | 5 | 19.3 | 0.95 J | 77.5 | 1.7 | 1.7 | 0.34 J |
| ND (1.0) | Vinyl chloride | ug/l | 2 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.15) |
| ND (1.0) | m,p-Xylene | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.38) |
| ND (1.0) | o-Xylene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.17) |

| PRELIMINARY Data | |
|------------------|--------|
| | |
| | |
| | |
| Hit | Exceed |
| RW_21-VP-2 | |
| (741-742) | |
| JC2556-4 | |
| 8/27/2015 | |
| Ground Water | |
| 6.7 J | |
| ND (0.24) | |
| ND (0.23) | |
| ND (0.23) | |
| ND (0.42) | |
| ND (5.6) | |
| ND (0.25) | |
| ND (0.22) | |
| ND (0.19) | |
| ND (0.44) | |
| ND (0.34) | |
| ND (0.19) | |
| ND (0.41) | |
| ND (0.15) | |
| ND (0.90) | |
| ND (0.17) | |
| ND (0.18) | |
| ND (0.51) | |
| ND (0.27) | |
| ND (0.65) | |
| ND (0.39) | |
| ND (0.21) | |
| ND (0.19) | |
| ND (0.27) | |
| ND (0.52) | |
| ND (1.7) | |
| ND (1.0) | |
| ND (0.73) | |
| ND (0.27) | |
| ND (0.21) | |
| ND (0.40) | |
| ND (0.16) | |
| ND (0.25) | |
| ND (0.21) | |
| 0.74 J | |
| ND (0.15) | |
| ND (0.38) | |
| ND (0.17) | |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/31/15

| | | | | | | | | | | |
|---------------------|------|---|------|-------|-------|-------|------|------|------|-----|
| Total (SW846 8260C) | ug/l | - | 14.7 | 14.63 | 17.12 | 15.38 | 3.67 | 4.42 | 6.57 | 0.9 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/31/15

| | | | | | | | | | |
|---------------------|------|---|------|-------|-------|-------|-------|-------|-------|
| Total (SW846 8260C) | ug/l | - | 20.5 | 76.18 | 58.99 | 21.25 | 20.53 | 31.86 | 44.97 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 0 | 15 J | 0 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 08/31/15

| | | | | | | | | | |
|--------|---------------------|------|---|------|------|------|----|-----|-----|
| 104.48 | Total (SW846 8260C) | ug/l | - | 30.8 | 9.33 | 83.7 | 13 | 9.1 | 7.9 |
| 0 | Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 0 | 0 |

| |
|------|
| 7.44 |
| 0 |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | |
|---------------------------|------|--|----------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | 4/7/2015 7:55 | |
| Job Numbers: | | JB91262 | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | |
| Project Number: | | | | | | |
| | | | Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW_21-VP-3 (299-300) | RW_21-VP-3 (318-319) | RW_21-VP-3 (338-339) | RW_21-VP-3 (362-363) |
| Lab Sample ID: | | | JB91262-1 | JB91262-2 | JB91262-3 | JB91262-7 |
| Date Sampled: | | | 3/31/2015 | 3/31/2015 | 3/31/2015 | 3/31/2015 |
| Matrix: | | | Water | Water | Water | Water |
| Acetone | ug/l | - | 5.3 J | ND (2.7) | ND (2.7) | ND (2.7) |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | 0.38 J |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 3.6 | 1.2 | 0.37 J | 2.8 |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | 1.4 |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | 0.85 J |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | | |
|---------------------|--|--|--|--|--|--|---------------|--|
| Accutest New Jersey | | | | | | | 4/8/2015 8:10 | |
| Job Numbers: | | JB91390 PRELIMINARY / PARTIAL Data | | | | | | |
| Account: | | Arcadis | | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | |
| Project Number: | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | |
|---------------------------|------|--|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | Apr 08, 2015 17:12 pm | | | |
| Job Number: | | JB91515 | | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GWHB4 | | | | | |
| | | Legend: | | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW_21-VP-3 (498-499) | RW_21-VP-3 (519-520) | RW_21-VP-3 (538-539) | RW_21-VP-3 (558-559) | RW_21-VP-3 (578-579) |
| Lab Sample ID: | | | JB91515-1 | JB91515-2 | JB91515-3 | JB91515-6 | JB91515-7 |
| Date Sampled: | | | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 | 4/2/2015 |
| Matrix: | | | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | ND (17) | 7.1 J | ND (170) | ND (170) | ND (83) |
| Benzene | ug/l | 1 | ND (1.2) | ND (0.24) | ND (12) | ND (12) | ND (5.9) |
| Bromodichloromethane | ug/l | - | ND (1.1) | ND (0.23) | ND (11) | ND (11) | ND (5.7) |
| Bromoform | ug/l | - | ND (1.2) | ND (0.23) | ND (12) | ND (12) | ND (5.9) |
| Bromomethane | ug/l | 5 | ND (2.1) | ND (0.42) | ND (21) | ND (21) | ND (11) |
| 2-Butanone (MEK) | ug/l | - | ND (28) | ND (5.6) | ND (280) | ND (280) | ND (140) |
| Carbon disulfide | ug/l | 60 | ND (1.3) | ND (0.25) | ND (13) | ND (13) | ND (6.3) |
| Carbon tetrachloride | ug/l | 5 | ND (1.1) | ND (0.22) | ND (11) | ND (11) | ND (5.5) |
| Chlorobenzene | ug/l | 5 | ND (0.93) | ND (0.19) | ND (9.3) | ND (9.3) | ND (4.6) |
| Chlorodifluoromethane | ug/l | - | ND (2.2) | ND (0.44) | ND (22) | ND (22) | ND (11) |
| Chloroethane | ug/l | 5 | ND (1.7) | ND (0.34) | ND (17) | ND (17) | ND (8.5) |
| Chloroform | ug/l | 7 | 14.9 | ND (0.19) | 25.8 J | 35.1 J | 16.1 J |
| Chloromethane | ug/l | 5 | ND (2.0) | ND (0.41) | ND (20) | ND (20) | ND (10) |
| Dibromochloromethane | ug/l | - | ND (0.77) | ND (0.15) | ND (7.7) | ND (7.7) | ND (3.8) |
| Dichlorodifluoromethane | ug/l | 5 | ND (4.5) | ND (0.90) | ND (45) | ND (45) | ND (22) |
| 1,1-Dichloroethane | ug/l | 5 | 12.1 | ND (0.17) | ND (8.6) | 27.4 J | 10.6 J |
| 1,2-Dichloroethane | ug/l | 0.6 | 20.3 | 0.27 J | ND (9.0) | 45.4 J | 19.8 J |
| 1,1-Dichloroethene | ug/l | 5 | 11.4 | ND (0.51) | ND (26) | 26.5 J | ND (13) |
| cis-1,2-Dichloroethene | ug/l | 5 | 684 | 4.9 | 544 | 779 | 283 |
| trans-1,2-Dichloroethene | ug/l | 5 | 3.5 J | ND (0.65) | ND (32) | ND (32) | ND (16) |
| 1,2-Dichloropropane | ug/l | 1 | ND (2.0) | ND (0.39) | ND (20) | ND (20) | ND (9.8) |
| cis-1,3-Dichloropropene | ug/l | - | ND (1.0) | ND (0.21) | ND (10) | ND (10) | ND (5.2) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.93) | ND (0.19) | ND (9.3) | ND (9.3) | ND (4.6) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | |
|---------------------------|------|--|----------------------------|-------------------------|
| Accutest New Jersey | | | Apr 08, 2015 17:20 pm | |
| Job Number: | | JB91606 | PRELIMINARY / PARTIAL Data | |
| Account: | | Arcadis | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | |
| Project Number: | | NY001052.0000.GWHB5 | | |
| | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW_21-VP-3 (598-599) | RW_21-VP-3 (618-619) |
| Lab Sample ID: | | | JB91606-4 | JB91606-5 |
| Date Sampled: | | | 4/3/2015 | 4/3/2015 |
| Matrix: | | | Water | Water |
| Acetone | ug/l | - | ND (66) | ND (66) |
| Benzene | ug/l | 1 | ND (4.7) | ND (4.7) |
| Bromodichloromethane | ug/l | - | ND (4.5) | ND (4.5) |
| Bromoform | ug/l | - | ND (4.7) | ND (4.7) |
| Bromomethane | ug/l | 5 | ND (8.5) | ND (8.5) |
| 2-Butanone (MEK) | ug/l | - | ND (110) | ND (110) |
| Carbon disulfide | ug/l | 60 | ND (5.1) | ND (5.1) |
| Carbon tetrachloride | ug/l | 5 | ND (4.4) | ND (4.4) |
| Chlorobenzene | ug/l | 5 | ND (3.7) | ND (3.7) |
| Chlorodifluoromethane | ug/l | - | ND (8.8) | ND (8.8) |
| Chloroethane | ug/l | 5 | ND (6.8) | ND (6.8) |
| Chloroform | ug/l | 7 | 9.8 J | 5.7 J |
| Chloromethane | ug/l | 5 | ND (8.1) | ND (8.1) |
| Dibromochloromethane | ug/l | - | ND (3.1) | ND (3.1) |
| Dichlorodifluoromethane | ug/l | 5 | ND (18) | ND (18) |
| 1,1-Dichloroethane | ug/l | 5 | 8.4 J | 7.7 J |
| 1,2-Dichloroethane | ug/l | 0.6 | 10.8 J | 7.2 J |
| 1,1-Dichloroethene | ug/l | 5 | ND (10) | ND (10) |
| cis-1,2-Dichloroethene | ug/l | 5 | 208 | 149 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (13) | ND (13) |
| 1,2-Dichloropropane | ug/l | 1 | ND (7.9) | ND (7.9) |
| cis-1,3-Dichloropropene | ug/l | - | ND (4.1) | ND (4.1) |
| trans-1,3-Dichloropropene | ug/l | - | ND (3.7) | ND (3.7) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | | |
|---------------------------|------|--|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | | Apr 08, 2015 17:21 pm | |
| Job Number: | | JB91788 | | | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | |
| Project Number: | | NY001052.0000.GWHB5 | | | | | | |
| | | Legend: | | | | Hit | Exceed | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-3 (643-644) | RW-21-VP-3 (658-660) | RW-21-VP-3 (700-701) | RW-21-VP-3 (710-711) | RW-21-VP-3 (715-716) | RW-21-VP-3 (720-721) |
| Lab Sample ID: | | | JB91788-1 | JB91788-2 | JB91788-3 | JB91788-4 | JB91788-5 | JB91788-6 |
| Date Sampled: | | | 4/6/2015 | 4/6/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 |
| Matrix: | | | Water | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 20.8 | ND (3.3) | 11.9 | 5.9 J | 3.7 J | 13.4 |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | 6.3 J | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | 0.37 J | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | 0.21 J | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | 2.1 | 0.63 J | 0.56 J | ND (0.27) | ND (0.27) | 0.31 J |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | |
|---------------------------|------|--|------------------------|----------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | Apr 13, 2015 16:18 pm | |
| Job Number: | | JB91940 | | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GWHB5 | | | | | |
| | | Legend: | | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP3 (725-726) | RW-21-VP-3 (730-731) | RW-21-VP-3 (735-736) | RW-21-VP-3 (740-741) | RW-21-VP-3 (745-746) |
| Lab Sample ID: | | | JB91940-7 | JB91940-1 | JB91940-2 | JB91940-3 | JB91940-4 |
| Date Sampled: | | | 4/7/2015 | 4/8/2015 | 4/8/2015 | 4/8/2015 | 4/8/2015 |
| Matrix: | | | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | ND (3.3) | ND (3.3) | ND (3.3) | ND (3.3) | 4.7 J |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | |
|---------------------------|------|--|-------------------------|-------------------------|----------------------------|-------------------------|
| Accutest New Jersey | | | | | Apr 13, 2015 16:28 pm | |
| Job Number: | | JB92053 | | | PRELIMINARY / PARTIAL Data | |
| Account: | | Arcadis | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | |
| Project Number: | | NY001052.0000.GWBH5 | | | | |
| | | | Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-3 (755-756) | RW-21-VP-3 (760-761) | RW-21-VP-3 (775-776) | RW-21-VP-3 (780-781) |
| Lab Sample ID: | | | JB92053-1 | JB92053-2 | JB92053-3 | JB92053-4 |
| Date Sampled: | | | 4/8/2015 | 4/9/2015 | 4/9/2015 | 4/9/2015 |
| Matrix: | | | Water | Water | Water | Water |
| Acetone | ug/l | - | ND (3.3) | ND (3.3) | ND (3.3) | ND (3.3) |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | |
|---------------------------|--|--|----------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | PRELIMINARY / PARTIAL Data | | Apr 14, 2015 14:44 pm |
| Job Number: | JB92194 | | | | |
| Account: | Arcadis | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | |
| Project Number: | NY001052.0000.GWBH6 | | | | |
| | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-3 (785-786) | RW-21-VP-3 (790-791) | RW-21-VP-3 (795-796) |
| Lab Sample ID: | | | JB92194-1 | JB92194-2 | JB92194-3 |
| Date Sampled: | | | 4/9/2015 | 4/10/2015 | 4/10/2015 |
| Matrix: | | | Water | Water | Water |
| Acetone | ug/l | - | ND (3.3) | 10.5 | ND (3.3) |
| Benzene | ug/l | 2 | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 6 | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | 0.65 J | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | |
|---------------------------|------|--|-------------------------|-------------------------|----------------------------|-------------------------|--------|
| Accutest New Jersey | | | | | | Apr 14, 2015 16:52 pm | |
| Job Number: | | JB92308 | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GWBH5 | | | | | |
| | | | | Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW_21-VP-3 (801-802) | RW_21-VP-3 (806-807) | RW_21-VP-3 (811-812) | RW_21-VP-3 (815-816) | |
| Lab Sample ID: | | | JB92308-6 | JB92308-7 | JB92308-8 | JB92308-9 | |
| Date Sampled: | | | 4/13/2015 | 4/13/2015 | 4/13/2015 | 4/13/2015 | |
| Matrix: | | | Water | Water | Water | Water | |
| Acetone | ug/l | - | 8.9 J | 7.4 J | 8.6 J | 8.0 J | |
| Benzene | ug/l | 3 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromomethane | ug/l | 7 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | |
| 2-Butanone (MEK) | ug/l | - | 6.6 J | ND (5.6) | ND (5.6) | ND (5.6) | |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | |
|---------------------------|------|--|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | 4/16/2015 10:55 | |
| Job Number: | | JB92396 | | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GWHB4 | | | | | |
| | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | Legend: | | | Hit | Exceed |
| Client Sample ID: | | | RW_21-VP-3 (820-821) | RW_21-VP-3 (825-826) | RW_21-VP-3 (830-831) | RW_21-VP-3 (835-836) | RW_21-VP-3 (840-841) |
| Lab Sample ID: | | | JB92396-3 | JB92396-4 | JB92396-5 | JB92396-7 | JB92396-7 |
| Date Sampled: | | | 4/14/2015 | 4/14/2015 | 4/14/2015 | 4/14/2015 | 4/14/2015 |
| Matrix: | | | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 12.9 | 4.3 J | 6.1 J | ND (3.3) | ND (3.3) |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | |
|---------------------------|------|--|-------------------------|----------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | Apr 16, 2015 16:47 pm | |
| Job Number: | | JB92536 | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | |
| Project Number: | | NY001052.0000.GWHB5 | | | | |
| | | Legend: | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ² | RW_21-VP-3 (844-845) | RW_21-VP-3 (849-850) | RW_21-VP-3 (855-856) | RW_21-VP-3 (860-861) |
| Lab Sample ID: | | | JB92536-3 | JB92536-4 | JB92536-5 | JB92536-6 |
| Date Sampled: | | | 4/15/2015 | 4/15/2015 | 4/15/2015 | 4/15/2015 |
| Matrix: | | | Water | Water | Water | Water |
| Acetone | ug/l | - | ND (3.3) | 9.9 J | ND (3.3) | ND (3.3) |
| Benzene | ug/l | 2 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 6 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | |
|----------------------------|-------------|----------|------------|------------|-------------|------------|
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | 0.70 J |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | 0.77 J |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | 2.6 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 8.9 | 1.2 | 0.37 | 9.5 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | | | |
|----------------------------|-------------|----------|-------------|-------------|--------------|-------------|--------------|---------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (1.3) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (2.6) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (8.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (5.1) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (3.6) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (1.4) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (1.0) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | 13.8 | 13.4 | 16.4 | 5.7 |
| Toluene | ug/l | 5 | 0.25 J | 0.90 J | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.81) |
| 1,1,1-Trichloroethane | ug/l | 5 | 0.94 J | 0.55 J | 3 | 2.2 | 2.2 | 4.7 J |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | 3.8 J |
| Trichloroethene | ug/l | 5 | 5.6 | 12.2 | 65.6 | 46.3 | 10.4 | 2410 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.74) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (1.9) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.83) |
| Total (SW846 8260C) | ug/l | - | 18.1 | 35.7 | 112.9 | 86.7 | 45.91 | 3403.2 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | | |
|----------------------------|-------------|----------|---------------|--------------|---------------|----------------|---------------|
| Ethylbenzene | ug/l | 5 | ND (1.3) | ND (0.27) | ND (13) | ND (13) | ND (6.7) |
| Freon 113 | ug/l | 5 | ND (2.6) | ND (0.52) | ND (26) | ND (26) | ND (13) |
| 2-Hexanone | ug/l | - | ND (8.7) | ND (1.7) | ND (87) | ND (87) | ND (44) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (5.1) | ND (1.0) | ND (51) | ND (51) | ND (25) |
| Methylene chloride | ug/l | 5 | ND (3.6) | ND (0.73) | ND (36) | ND (36) | ND (18) |
| Styrene | ug/l | 5 | ND (1.4) | ND (0.27) | ND (14) | ND (14) | ND (6.8) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (1.0) | ND (0.21) | ND (10) | ND (10) | ND (5.2) |
| Tetrachloroethene | ug/l | 5 | 13.7 | ND (0.40) | ND (20) | ND (20) | ND (10) |
| Toluene | ug/l | 5 | ND (0.81) | ND (0.16) | ND (8.1) | ND (8.1) | ND (4.1) |
| 1,1,1-Trichloroethane | ug/l | 5 | 2.7 J | ND (0.25) | ND (13) | ND (13) | ND (6.3) |
| 1,1,2-Trichloroethane | ug/l | 1 | 1.8 J | ND (0.21) | ND (11) | ND (11) | ND (5.4) |
| Trichloroethene | ug/l | 5 | 1610 | 16.2 | 6750 | 13200 | 4270 |
| Vinyl chloride | ug/l | 2 | ND (0.74) | ND (0.15) | ND (7.4) | ND (7.4) | ND (3.7) |
| m,p-Xylene | ug/l | - | ND (1.9) | ND (0.38) | ND (19) | ND (19) | ND (9.4) |
| o-Xylene | ug/l | 5 | ND (0.83) | ND (0.17) | ND (8.3) | ND (8.3) | ND (4.1) |
| Total (SW846 8260C) | ug/l | - | 2374.4 | 28.47 | 7319.8 | 14113.4 | 4599.5 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | |
|----------------------------|-------------|----------|-------------|---------------|
| Ethylbenzene | ug/l | 5 | ND (5.4) | ND (5.4) |
| Freon 113 | ug/l | 5 | ND (10) | ND (10) |
| 2-Hexanone | ug/l | - | ND (35) | ND (35) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (20) | ND (20) |
| Methylene chloride | ug/l | 5 | ND (15) | ND (15) |
| Styrene | ug/l | 5 | ND (5.4) | ND (5.4) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (4.1) | ND (4.1) |
| Tetrachloroethene | ug/l | 5 | ND (8.0) | ND (8.0) |
| Toluene | ug/l | 5 | ND (3.2) | ND (3.2) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (5.0) | ND (5.0) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (4.3) | ND (4.3) |
| Trichloroethene | ug/l | 5 | 4660 | 2910 |
| Vinyl chloride | ug/l | 2 | ND (2.9) | ND (2.9) |
| m,p-Xylene | ug/l | - | ND (7.5) | ND (7.5) |
| o-Xylene | ug/l | 5 | ND (3.3) | ND (3.3) |
| Total (SW846 8260C) | ug/l | - | 4897 | 3079.6 |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | | |
|----------------------------|-------------|----------|--------------|--------------|--------------|-------------|------------|--------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.24 J | ND (0.16) | 0.22 J | ND (0.16) | ND (0.16) | 0.60 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 30.6 | 25.5 | 11.8 | 6.4 | 3.9 | 3.6 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 53.95 | 26.13 | 31.15 | 12.3 | 7.6 | 17.91 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | | |
|----------------------------|-------------|----------|-------------|------------|-------------|------------|-------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.26 J | ND (0.16) | ND (0.16) | ND (0.16) | 0.18 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 5.1 | 2.2 | 0.28 J | 2.3 | 0.46 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 5.36 | 2.2 | 0.28 | 2.3 | 5.34 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | |
|----------------------------|-------------|----------|-----------|------------|-------------|------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | ND (0.22) | 4.1 | 0.36 J | 0.90 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 0 | 4.1 | 0.36 | 0.9 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | |
|----------------------------|-------------|----------|-----------|--------------|-------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 114 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | ND (0.22) | 18.7 | 0.99 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 6 | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 0 | 29.85 | 0.99 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | |
|----------------------------|-------------|----------|-----------|------------|--------------|-------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 115 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | 0.48 J | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 2.5 | ND (0.22) | 3.5 | 0.44 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 7 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 18 | 7.4 | 12.58 | 8.44 |

DRAFT - Attorney Client Privilege – Preliminary Data

Revision Date: 04/16/15

| | | | | | | | |
|----------------------------|-------------|----------|--------------|-------------|-------------|-------------|-------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.36 J | 0.40 J | 0.52 J | 0.18 J | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 5.5 | 0.25 J | 1.1 | ND (0.22) | 0.93 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | 0.47 J | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | 0.31 J | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 18.76 | 5.73 | 7.72 | 0.18 | 0.93 |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/16/15

| | | | | | | |
|----------------------------|-------------|----------|-----------|--------------|-----------|-------------|
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 114 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | ND (0.16) | 0.23 J | ND (0.16) | 0.24 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 6 | 2 | 1.1 | ND (0.22) | ND (0.22) |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 6 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 2 | 11.23 | 0 | 0.24 |

| | | | | | | | | | |
|----------------------------|------|--|-------------------------|-------------------------|-------------------------|---------------|----------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | | | | |
| Job Numbers: | | JB86761-JB87059 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21-VP-4 (302-303) | RW-21-VP-4 (322-323) | RW-21-VP-4 (347-348) | RW21-VP-4_371 | RW-21-VP-4 (381-382) | RW-21-VP-4 (406-407) | RW-21-VP-4 (420-421) |
| Sampling Depth (ft bls): | | | JB83421-3 | JB83644-4 | JB83644-5 | JB83799-1 | JB83938-1 | JB83938-2 | JB84033-1 |
| Lab Sample ID: | | | 12/5/2014 | 12/8/2014 | 12/8/2014 | 12/9/2014 | 12/10/2014 | 12/10/2014 | 12/11/2014 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | | |
| Acetone | ug/l | - | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | 4.7 J | 10.2 | 5.5 J |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | 0.37 J | 0.52 J | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 0.20 J | ND (0.20) | 0.85 J | 2 | 2.3 | 0.29 J | ND (0.20) |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | 3.6 | 10 | 9.9 | 1.2 | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | 0.77 J | 2.5 | 2.9 | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | 1.8 | 5.7 | 7 | 0.94 J | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | 133 | 321 | 281 | 10.8 | 2.7 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | 1.1 | 2.3 | 2.2 | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | 0.52 J | 0.41 J | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | 0.57 J | ND (0.35) | 1.8 | 2.2 | 1.7 | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | 5.2 | 2.1 |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | 0.58 J | 1.6 | 2.3 | ND (0.32) | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | 0.43 J | 0.43 J | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | 1.2 | ND (0.25) | 202 | 540 | 674 | 48.6 | 13.4 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | 0.54 J | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.30 J | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 1.97 | 0 | 345.5 | 888.62 | 989.36 | 78.07 | 23.7 |

| | | | | | | | | | |
|----------------------------|------|--|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | | | | |
| Job Numbers: | | JB86761-JB87059 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21-VP-4 (440-441) | RW-21-VP-4 (481-482) | RW-21-VP-4 (506-507) | RW-21-VP-4 (520-521) | RW-21-VP-4 (540-541) | RW-21-VP-4 (560-561) | RW-21-VP-4 (580-581) |
| Sampling Depth (ft bls): | | | JB84033-2 | JB84117-1 | JB84391-1 | JB84391-2 | JB84391-3 | JB84391-4 | JB84391-6 |
| Lab Sample ID: | | | 12/11/2014 | 12/12/2014 | 12/15/2014 | 12/15/2014 | 12/15/2014 | 12/15/2014 | 12/16/2014 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water | Water |
| Matrix: | | | Water | Water | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 3.4 J | 3.6 J | 4.6 J | 7.5 J | ND (2.7) | ND (2.7) | ND (2.7) |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | 7.0 J | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | 0.47 J | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 4 | 1.6 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 2.1 | 1.1 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | 4.4 | 2.9 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | 2.8 | 1 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | 28.5 | 24.8 | 1.2 | 0.41 J | ND (0.33) | ND (0.33) | ND (0.33) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | 1 | 0.79 J | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | 1.7 | 1.1 | 0.37 J | 0.54 J | 0.23 J | ND (0.22) | 0.39 J |
| 1,1,1-Trichloroethane | ug/l | 5 | 0.82 J | 0.42 J | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | 323 | 248 | 10.2 | 2 | 1.2 | 0.93 J | 1.6 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 372.19 | 285.31 | 16.37 | 17.45 | 1.43 | 0.93 | 1.99 |

| | | | | | | | | | | | |
|----------------------------|------|--|-------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------------|--|-----|--------|
| Accutest New Jersey | | | | | | | | | | | |
| Job Numbers: | | JB86761-JB87059 | | | | | | PRELIMINARY / PARTIAL Data | | | |
| Account: | | Arcadis | | | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | | | |
| | | | | | | | | Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21-VP-4 (600-601) | RW-21-VP-4 (630-631) | RW-21-VP-4 (642-643) | RW-21-VP-4 (660-661) | RW-21-VP-4 (680-681) | | | | |
| Sampling Depth (ft bls): | | | JB84391-7 | JB84391-8 | JB84391-11 | JB84391-12 | JB84494-2 | | | | |
| Lab Sample ID: | | | 12/16/2014 | 12/16/2014 | 12/17/2014 | 12/17/2014 | 12/17/2014 | | | | |
| Date Sampled: | | | Water | Water | Water | Water | Water | | | | |
| Matrix: | | | | | | | | | | | |
| Acetone | ug/l | - | 4.9 J | ND (2.7) | ND (2.7) | 6.8 J | ND (2.7) | | | | |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | | | |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | | | |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | | | |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | | | |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | | | | |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | | | | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | | | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | | | |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | | | | |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | | | | |
| Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | | | | |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | | | | |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | | | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | | | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | | | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | | | | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | | | | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | | | | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | | | | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | | | | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | | | | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | | | | |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | | | |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | | | | |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | | | | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | | | | |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | | | | |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | | | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | | | |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | | | |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | 0.26 J | 0.27 J | 0.26 J | | | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | | | | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | | | | |
| Trichloroethene | ug/l | 5 | 1.6 | 2.4 | 0.73 J | 0.82 J | 1.1 | | | | |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | | | | |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | | | |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | | | | |
| Total (SW846 8260C) | ug/l | - | 6.5 | 2.4 | 0.99 | 7.89 | 1.36 | | | | |

| Accutest New Jersey | | | | | | | | May 07, 2015 15:37 pm |
|----------------------------|--|------------------------------|------------|------------|------------|------------|------------|-----------------------|
| Job Number: | JB93821 | | | | | | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | |
| Project Number: | NY001052.0000.GWHBS | | | | | | | |
| | | | | | | | | Legend: |
| Client Sample ID: | | NY TOGS Class | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 | Hit |
| | | GA GW Standards | (307-308) | (326-327) | (347-348) | (377-378) | (387-388) | |
| Lab Sample ID: | | (NYSDEC 6/2004) ¹ | JB93821-1 | JB93821-3 | JB93821-4 | JB93821-6 | JB93821-7 | JB93821-8 |
| Date Sampled: | | | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 | 4/30/2015 |
| Matrix: | | | Water | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 11 | 9.8 J | 5.3 J | 16.3 | 14.9 | 10.5 |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | 0.33 J | 0.34 J | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | 1.0 J | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | 0.97 J | ND (0.17) | 1.6 | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | 1.9 | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | 1.1 | ND (0.27) | 4.5 | 0.39 J | 0.69 J | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | 3.3 J | ND (0.52) | 2.5 J | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | 3.4 | 1.6 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | ND (0.16) | ND (0.16) | 0.23 J | 0.44 J | ND (0.16) | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 2.2 | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | 1 | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 122 | 38.5 | 137 | 24.9 | 25.9 | 3.5 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | 0.56 J | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | 0.21 J | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 140.8 | 49.9 | 152.5 | 43.13 | 47.53 | 14 |

| | | | | | | |
|----------------------------|--|--|-------------------------|----------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | |
| Job Number: | JB93998 | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | NY001052.0000.GWHB5 | | | | | |
| | | | Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-5 (430-431) | RW-21-VP-5 (447-448) | RW-21-VP-5 (466-467) | RW-21-VP-5 (526-527) |
| Lab Sample ID: | | | JB93998-1 | JB93998-2 | JB93998-4 | JB93998-6 |
| Date Sampled: | | | 5/4/2015 | 5/4/2015 | 5/4/2015 | 5/5/2015 |
| Matrix: | | | Water | Water | Water | Water |
| Acetone | ug/l | - | 5.3 J | ND (3.3) | ND (3.3) | 13.8 |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | 0.48 J | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | 0.22 J | 1.9 | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | 2.5 | 8.5 | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | 0.68 J | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 0.93 J | 3.3 | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | 3.4 | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.27 J | ND (0.16) | ND (0.16) | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | 0.71 J | 1.5 | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 2.1 | 1.6 | 14.2 | ND (0.22) |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 7.67 | 5.96 | 33.96 | 13.8 |

| | | | | | | | |
|----------------------------|--|------------------------------|----------------------------|------------|------------|--------------------|------------|
| Accutest New Jersey | | | | | | May 07, 2015 18:33 | |
| Job Number: | JB94126 | | PRELIMINARY / PARTIAL Data | | | | |
| Account: | Arcadis | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | |
| Project Number: | NY001052.0000.GWHB5 | | | | | | |
| | | | Legend: | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 | RW-21-VP-5 |
| | | GA GW Standards | (541-542) | (547-548) | (566-567) | (590-591) | (595-596) |
| Lab Sample ID: | | (NYSDEC 6/2004) ¹ | JB94126-1 | JB94126-2 | JB94126-3 | JB94126-7 | JB94126-8 |
| Date Sampled: | | | 5/6/2015 | 5/6/2015 | 5/6/2015 | 5/6/2015 | 5/6/2015 |
| Matrix: | | | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 6.9 J | ND (3.3) | ND (3.3) | 9.8 J | 6.6 J |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | 0.28 J | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | 2 | 3.2 | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | 1.7 | 1.9 | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | 0.71 J | 0.96 J | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 3.2 | 3.8 | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.20 J | 1 | 0.21 J | 0.76 J | 1.1 |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 0.42 J | 6.9 | 12.4 | 0.86 J | 0.69 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 7.52 | 15.51 | 22.75 | 11.42 | 8.39 |

| Accutest New Jersey | | | | | | | May 11, 2015 16:08 pm | |
|----------------------------|--|--|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Job Number: | JB94233 | | PRELIMINARY / PARTIAL Data | | | | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | |
| Project Number: | NY001052.0000.GWHB5 | | | | | | | |
| Legend: | | | | | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-5 (606-607) | RW-21-VP-5 (626-627) | RW-21-VP-5 (646-647) | RW-21-VP-5 (666-667) | RW-21-VP-5 (686-687) | RW-21-VP-5 (695-696) |
| Lab Sample ID: | | | JB94233-7 | JB94233-1 | JB94233-3 | JB94233-4 | JB94233-5 | JB94233-6 |
| Date Sampled: | | | 5/6/2015 | 5/7/2015 | 5/7/2015 | 5/7/2015 | 5/7/2015 | 5/7/2015 |
| Matrix: | | | Water | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | ND (3.3) | 12.2 | 7.7 J | 10.9 | 6.6 J | 7.3 J |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | 0.32 J | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | 1.3 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | 0.41 J | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | 1.1 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | 0.43 J | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 4.1 | ND (0.27) | 0.39 J | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.66 J | 0.83 J | 0.54 J | 0.99 J | 1.5 | 1.3 |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 0.92 J | 10.3 | 0.37 J | 1.1 | 0.66 J | 0.81 J |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 2.31 | 30.26 | 8.61 | 13.38 | 8.76 | 9.41 |

| Accutest New Jersey | | May 12, 2015 18:48 pm | |
|----------------------------|--|--|----------------------|
| Job Number: | JB94445 | PRELIMINARY / PARTIAL Data | |
| Account: | Arcadis | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | |
| Project Number: | NY001052.0000.GWHB5 | | |
| Legend: | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21-VP-5 (715-716) |
| Lab Sample ID: | | | JB94445-1 |
| Date Sampled: | | | 5/11/2015 |
| Matrix: | | | Water |
| Acetone | ug/l | - | 21.8 |
| Benzene | ug/l | 1 | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) |
| Toluene | ug/l | 5 | 0.62 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) |
| Trichloroethene | ug/l | 5 | ND (0.22) |
| Vinyl chloride | ug/l | 2 | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 22.42 |

| Accutest New Jersey | | | | | | | | | | | | | |
|----------------------------|------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------|--|
| Job Numbers: | | JB97248-JB97382 | | | | | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | | | | |
| Project Number: | | NY001052.0000.GWHB4 | | | | | | | | | | | |
| | | | | | | | | | | Legend: | Hit | Exceed | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-6 (302-303) | RW_21-VP-6 (321-322) | RW_21-VP-6 (343-344) | RW_21-VP-6 (365-366) | RW_21-VP-6 (381-382) | RW_21-VP-6 (401-402) | RW_21-VP-6 (421-422) | RW_21-VP-6 (441-442) | RW_21-VP-6 (462-463) | | |
| Lab Sample ID: | | | JB97248-1 | JB97248-2 | JB97248-4 | JB97248-6 | JB97248-8 | JB97248-9 | JB97248-10 | JB97248-11 | JB97248-12 | | |
| Date Sampled: | | | 6/16/2015 | 6/16/2015 | 6/16/2015 | 6/16/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | 6/17/2015 | | |
| Matrix: | | | Water | Water | Water | Water | Water | Water | Water | Water | Water | | |
| Acetone | ug/l | - | 11.2 | 5.1 J | ND (3.3) | ND (3.3) | 24.8 | 5.6 J | 4.0 J | 4.1 J | 5.3 J | | |
| Benzene | ug/l | 1 | 0.41 J | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | | |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | | |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | | |
| Carbon disulfide | ug/l | 60 | 0.47 J | 0.45 J | ND (0.25) | ND (0.25) | ND (0.25) | 0.34 J | 0.37 J | 0.40 J | 0.36 J | | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | | |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) | ND (0.19) | 0.29 J | 0.23 J | 0.34 J | ND (0.19) | ND (0.19) | 0.51 J | | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | 1.9 | 1.1 | 2.1 | 0.69 J | 2.3 | 5.8 | | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | 0.79 J | 0.54 J | 1.2 | ND (0.51) | ND (0.51) | 2 | | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | 2.6 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | | |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | | |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | | |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | | |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | 0.79 J | 0.91 J | ND (0.40) | 0.78 J | ND (0.40) | ND (0.40) | ND (0.40) | | |
| Toluene | ug/l | 5 | 1.5 | 0.60 J | 0.74 J | 0.46 J | 0.32 J | 0.54 J | ND (0.16) | ND (0.16) | 0.42 J | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | 0.76 J | ND (0.25) | 1.1 | ND (0.25) | ND (0.25) | 1.8 | | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| Trichloroethene | ug/l | 5 | ND (0.22) | ND (0.22) | 16 | 7.1 | 4.6 | 13.1 | ND (0.22) | ND (0.22) | 1.7 | | |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | | |
| m,p-Xylene | ug/l | - | 0.69 J | 0.43 J | 0.43 J | 0.47 J | 10.8 | 0.58 J | ND (0.38) | ND (0.38) | 0.52 J | | |

| Accutest New Jersey | | | | | | | | | | | | |
|----------------------------|--|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|--------|
| Job Numbers: | JB97248-JB97382 | | | | | | | | | | PRELIMINARY / PARTIAL Data | |
| Account: | Arcadis | | | | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | | | | |
| Project Number: | NY001052.0000.GWHB4 | | | | | | | | | | | |
| | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | Legend: | | | | | | | | Hit | Exceed |
| Client Sample ID: | | | RW_21-VP-6 (480-481) | RW_21-VP-6 (502-503) | RW_21-VP-6 (520-521) | RW_21-VP-6 (542-543) | RW_21-VP-6 (568-569) | RW_21-VP-6 (581-582) | RW_21-VP-6 (606-607) | RW_21-VP-6 (621-622) | RW_21-VP-6 (640-641) | |
| Lab Sample ID: | | | JB97382-4 | JB97382-5 | JB97382-6 | JB97382-7 | JB97382-8 | JB97464-3 | JB97597-3 | JB97597-4 | JB97679-1 | |
| Date Sampled: | | | 6/17/2015 | 6/18/2015 | 6/18/2015 | 6/18/2015 | 6/18/2015 | 6/19/2015 | 6/22/2015 | 6/22/2015 | 6/23/2015 | |
| Matrix: | | | Water | Water | Water | Water | Water | Water | Water | Water | Water | |
| Acetone | ug/l | - | 17.8 | 8.1 J | 15.3 | 14.6 | 27 | 6.4 J | 25.5 | ND (33) | 14.6 | |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.59) | ND (2.4) | ND (0.24) | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.57) | ND (2.3) | ND (0.23) | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.59) | ND (2.3) | ND (0.23) | |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (1.1) | ND (4.2) | ND (0.42) | |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | 7.3 J | 7.6 J | ND (5.6) | ND (14) | ND (56) | ND (5.6) | |
| Carbon disulfide | ug/l | 60 | ND (0.25) | 0.28 J | ND (0.25) | 0.49 J | 0.41 J | 0.26 J | ND (0.63) | ND (2.5) | ND (0.25) | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | 0.34 J | ND (0.55) | ND (2.2) | ND (0.22) | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.46) | ND (1.9) | ND (0.19) | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (1.1) | ND (4.4) | ND (0.44) | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.85) | ND (3.4) | ND (0.34) | |
| Chloroform | ug/l | 7 | ND (0.19) | 0.24 J | 0.86 J | ND (0.19) | ND (0.19) | 12.4 | 5.2 | 17.2 | 0.27 J | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (1.0) | ND (4.1) | ND (0.41) | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.38) | ND (1.5) | ND (0.15) | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (2.2) | ND (9.0) | ND (0.90) | |
| 1,1-Dichloroethane | ug/l | 5 | 1 | 1.2 | 0.68 J | ND (0.17) | ND (0.17) | 5.6 | 0.58 J | 4.0 J | ND (0.17) | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | 0.86 J | ND (0.18) | ND (0.18) | 3.8 | 6 | 12.6 | 0.42 J | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 0.51 J | ND (0.51) | ND (0.51) | ND (0.51) | 3 | ND (1.3) | ND (5.1) | ND (0.51) | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 0.68 J | 15.5 | 0.31 J | 0.86 J | 80.6 | 132 | 389 | 6.5 | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (1.6) | ND (6.5) | ND (0.65) | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | 1.5 J | ND (3.9) | ND (0.39) | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.52) | ND (2.1) | ND (0.21) | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.46) | ND (1.9) | ND (0.19) | |
| Ethylbenzene | ug/l | 5 | 0.37 J | 0.27 J | 0.39 J | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.67) | ND (2.7) | ND (0.27) | |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (1.3) | ND (5.2) | ND (0.52) | |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (4.4) | ND (17) | ND (1.7) | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (2.5) | ND (10) | ND (1.0) | |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (1.8) | ND (7.3) | ND (0.73) | |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.68) | ND (2.7) | ND (0.27) | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.52) | ND (2.1) | ND (0.21) | |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | 0.56 J | 0.53 J | ND (0.40) | ND (0.40) | ND (0.40) | ND (1.0) | ND (4.0) | ND (0.40) | |
| Toluene | ug/l | 5 | ND (0.16) | 0.90 J | 0.32 J | 0.28 J | ND (0.16) | 0.43 J | ND (0.41) | ND (1.6) | 0.21 J | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 1.1 | ND (0.63) | ND (2.5) | ND (0.25) | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | 0.81 J | 1.7 J | 2.4 J | ND (0.21) | |
| Trichloroethene | ug/l | 5 | 0.50 J | 2 | 30.8 | ND (0.22) | 0.59 J | 163 | 662 | 1220 | 96.5 | |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.37) | ND (1.5) | ND (0.15) | |
| m,p-Xylene | ug/l | - | 1.3 | 0.77 J | 1.6 | ND (0.38) | ND (0.38) | 0.46 J | ND (0.94) | ND (3.8) | ND (0.38) | |

| Accutest New Jersey | | | | | | | | | |
|----------------------------|------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--|--|
| Job Numbers: | | | | | | | | | |
| Account: | | Arcadis | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | |
| Project Number: | | NY001052.0000.GWHB4 | | | | | | | |
| Legend: Hit Exceed | | | | | | | | | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-6 (661-662) | RW_21-VP-6 (682-683) | RW_21-VP-6 (700-701) | RW_21-VP-6 (726-727) | RW_21-VP-6 (741-742) | | |
| Lab Sample ID: | | | JB97679-2 | JB97679-3 | JB97679-5 | JB97886-3 | JB97886-4 | | |
| Date Sampled: | | | 6/23/2015 | 6/23/2015 | 6/23/2015 | 6/25/2015 | 6/25/2015 | | |
| Matrix: | | | Water | Water | Water | Water | Water | | |
| Acetone | ug/l | - | 8.0 J | ND (3.3) | 7.5 J | 12.5 | 22.8 | | |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | | |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | | |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | 11 | | |
| Carbon disulfide | ug/l | 60 | 0.27 J | ND (0.25) | ND (0.25) | ND (0.25) | 0.32 J | | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | | |
| Chloroform | ug/l | 7 | 0.35 J | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | | |
| 1,1-Dichloroethane | ug/l | 5 | 0.77 J | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | | |
| 1,2-Dichloroethane | ug/l | 0.6 | 0.94 J | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | | |
| 1,1-Dichloroethene | ug/l | 5 | 1 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | | |
| cis-1,2-Dichloroethene | ug/l | 5 | 14.9 | 0.63 J | 0.79 J | 0.41 J | ND (0.27) | | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | | |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | | |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | | |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | | |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| Tetrachloroethene | ug/l | 5 | 0.45 J | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | | |
| Toluene | ug/l | 5 | 0.37 J | ND (0.16) | 0.32 J | ND (0.16) | ND (0.16) | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| Trichloroethene | ug/l | 5 | 390 | 15.7 | 5.6 | 1.9 | ND (0.22) | | |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | | |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | | |

| | | | | | | | | | | | |
|---------------------|------|---|--------|--------|-----------|-----------|-------|-----------|-----------|-----------|--------|
| o-Xylene | ug/l | 5 | 0.37 J | 0.20 J | ND (0.17) | ND (0.17) | 3.4 | ND (0.17) | ND (0.17) | ND (0.17) | 0.20 J |
| Total (SW846 8260C) | ug/l | - | 14.64 | 6.78 | 17.96 | 12.68 | 48.39 | 25.68 | 5.06 | 6.8 | 18.61 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 0 | 0 | 6.5 J | 9.8 J | 0 | 0 | 0 |

| | | | | | | | | | | | |
|---------------------|------|---|--------|--------|--------|-----------|-----------|--------|-----------|----------|-----------|
| o-Xylene | ug/l | 5 | 0.45 J | 0.37 J | 0.58 J | ND (0.17) | ND (0.17) | 0.20 J | ND (0.41) | ND (1.7) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 21.42 | 15.88 | 67.42 | 22.98 | 36.46 | 278.4 | 834.48 | 1645.2 | 118.5 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 5.9 J | 0 | 0 | - | 0 | 0 | 0 |

| | | | | | | | |
|---------------------|------|---|--------|-----------|-----------|-----------|-----------|
| o-Xylene | ug/l | 5 | 0.18 J | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 417.23 | 16.33 | 14.21 | 14.81 | 34.12 |
| Total TIC, Volatile | ug/l | - | 0 | 0 | 6.5 J | 0 | 0 |

| Accutest New Jersey | | | | | | | | | | | |
|----------------------------|---|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|
| Job Numbers: | JB86761-JB87059 | | | | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | | | | |
| | | | | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-7 (302-303) | RW_21-VP-7 (320-321) | RW_21-VP-7 (345-346) | RW_21-VP-7 (362-363) | RW_21-VP-7 (380-381) | RW_21-VP-7 (401-402) | RW_21-VP-7 (421-422) | RW_21-VP-7 (441-442) | RW_21-VP-7 (468-469) |
| Sampling Depth (ft bis): | | | JB86761-1 | JB86761-2 | JB86761-6 | JB86761-3 | JB86880-1 | JB86880-2 | JB86880-3 | JB86880-4 | JB86880-7 |
| Lab Sample ID: | | | 1/19/2015 | 1/19/2015 | 1/19/2015 | 1/19/2015 | 1/20/2015 | 1/20/2015 | 1/20/2015 | 1/20/2015 | 1/21/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | | | | |
| Acetone | ug/l | - | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) | ND (2.7) |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | ND (0.20) | 0.45 J | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.35 J | 0.44 J | 0.97 J |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 1.1 | 5.8 | ND (0.35) | ND (0.35) | 1.5 | ND (0.35) | 2.5 | 3.6 | 3.1 |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | 0.44 J |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | 2.1 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | 1 | 1.4 | 2 |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | 0.39 J | 13.6 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | 0.36 J | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | 0.26 J | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | 1.9 | ND (0.32) | ND (0.32) | 0.43 J | ND (0.32) | 0.80 J | 1.1 | 1.1 |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | ND (0.25) | 0.81 J | ND (0.25) | ND (0.25) | 4.1 | ND (0.25) | 3.8 | 3 | 32.4 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 1.1 | 11.06 | 0 | 0 | 6.65 | 0 | 8.45 | 9.93 | 53.61 |

[illegible]

| Accutest New Jersey | | | | | | | | | | | | | | |
|--------------------------|--|---|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-----------|-----------|-----------|
| Job Numbers: | | JB86761-JB87059 | | | | | | | | PRELIMINARY / PARTIAL Data | | | | |
| Account: | | Arcadis | | | | | | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | | | | | | |
| | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | | | | | | | Legend: | HL | Exceed | | | |
| Client Sample ID: | | | RW_21-VP-7 (661-662) | RW_21-VP-7 (682-683) | RW_21-VP-7 (700-701) | RW_21-VP-7 (705-706) | RW_21-VP-7 (715-716) | RW_21-VP-7 (721-722) | RW_21-VP-7 (731-732) | RW_21-VP-7 (735-736) | RW_21-VP-7 (760-761) | | | |
| Sampling Depth (ft bis): | | | JB87059-5 | JB87212-3 | JB87280-1 | JB87341-1 | JB87607-3 | JB87607-6 | JB87717-4 | JB87717-3 | JB87897-3 | | | |
| Lab Sample ID: | | | 1/23/2015 | 1/28/2015 | 1/29/2015 | 1/29/2015 | 2/4/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/9/2015 | | | |
| Date Sampled: | | Matrix: | Water | Water | Water | Water | Water | Water | Water | Water | Water | | | |
| Matrix: | | | Acetone | ug/l | - | 5.9 J | ND (2.7) | 9.7 J | 8.1 J | 11.3 | ND (2.7) | 3.0 J | 29.9 | 7.1 J |
| | | | Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| | | | Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| | | | Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| | | | Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| | | | 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| | | | Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| | | | Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| | | | Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| | | | Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| | | | Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| | | | Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | | | Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| | | | Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| | | | Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| | | | 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| | | | 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| | | | 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| | | | cis-1,2-Dichloroethene | ug/l | 5 | 1.9 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) |
| | | | trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| | | | 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| | | | cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| | | | trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| | | | Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | 0.34 J | ND (0.31) | ND (0.31) |
| | | | Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| | | | 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| | | | 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | 7.1 | ND (1.2) | ND (1.2) |
| | | | Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| | | | Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| | | | 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| | | | Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| | | | Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | 0.25 J | ND (0.22) | ND (0.22) |
| | | | 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| | | | 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| | | | Trichloroethene | ug/l | 5 | 38.8 | 3.6 | 4.5 | 3.3 | 2.9 | 1.9 | 1.1 | 0.93 J | 1.2 |
| | | | Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| | | | m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | 0.99 J | ND (0.35) | ND (0.35) |
| | | | o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.80 J | ND (0.20) | ND (0.20) |
| Total (SW846 8260C) | | ug/l | - | 46.6 | 3.6 | 14.2 | 11.4 | 14.2 | 1.9 | 4.1 | 40.31 | 8.3 | | |

| Accutest New Jersey | | | | | | | | | | | |
|----------------------------|------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-----|--------|
| Job Numbers: | | JB86761-JB87059 | | | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | | | |
| | | | | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-7 (765-766) | RW_21-VP-7 (775-776) | RW_21-VP-7 (791-792) | RW_21-VP-7 (797-798) | RW_21-VP-7 (806-807) | RW_21-VP-7 (816-817) | RW-21-VP-7 (826-827) | | |
| Sampling Depth (ft bis): | | | JB88098-3 | JB88098-4 | JB88208-1 | JB88208-2 | JB88208-5 | JB88208-6 | JB88398-3 | | |
| Lab Sample ID: | | | 2/11/2015 | 2/11/2015 | 2/11/2015 | 2/12/2015 | 2/12/2015 | 2/12/2015 | 2/17/2015 | | |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water | Water | | |
| Matrix: | | | | | | | | | | | |
| Acetone | ug/l | - | 9.5 J | 5.9 J | ND (2.7) | ND (2.7) | 17.3 | ND (2.7) | 10.8 | | |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | | |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | 4.0 J | | |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | | |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | | |
| Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | | |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | | |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | | |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | | |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | | |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | | |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | | |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | | |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | | |
| Trichloroethene | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | 0.30 J | ND (0.25) | 0.33 J | | |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | | |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | | |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.23 J | ND (0.20) | ND (0.20) | | |
| Total (SW846 8260C) | ug/l | - | 9.5 | 5.9 | 0 | 0 | 17.83 | 0 | 15.13 | | |

| | | | | |
|----------------------------|------|---|-------------------------|----------------------------|
| Accutest New Jersey | | | Apr 13, 2015 7:42 am | |
| Job Number: | | JB91516 | | PRELIMINARY / PARTIAL Data |
| Account: | | Arcadis | | |
| Project: | | Northrop Grumman, OUS Hot Spot, Bethpage, NY | | |
| Project Number: | | NY001052.0000.GWHB5 | | |
| | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21_VP-9 (337-338) | RW-21_VP-9 (347-348) |
| Lab Sample ID: | | | JB91516-1 | JB91516-4 |
| Date Sampled: | | | 4/2/2015 | 4/2/2015 |
| Matrix: | | | Water | Water |
| Acetone | ug/l | - | 19.3 | ND (3.3) |
| Benzene | ug/l | 1 | 0.29 J | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | 0.64 J |
| Toluene | ug/l | 5 | 0.61 J | ND (0.16) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) |

| | | | | | | | | | | |
|----------------------------|------|--|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Accutest New Jersey | | | | | | | | Apr 08, 2015 17:22 pm | | |
| Job Number: | | JB91789 | | PRELIMINARY / PARTIAL Data | | | | | | |
| Account: | | Arcadis | | | | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | | | | |
| Project Number: | | NY001052.0000.GWHB5 | | | | | | | | |
| | | | Legend: | | | | | | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21_VP-9 (391-392) | RW-21_VP-9 (407-408) | RW-21_VP-9 (430-431) | RW-21_VP-9 (446-447) | RW-21_VP-9 (467-468) | RW-21_VP-9 (491-492) | RW-21_VP-9 (507-508) | RW-21_VP-9 (530-531) |
| Lab Sample ID: | | | JB91789-1 | JB91789-2 | JB91789-4 | JB91789-5 | JB91789-7 | JB91789-8 | JB91789-9 | JB91789-10 |
| Date Sampled: | | | 4/6/2015 | 4/6/2015 | 4/6/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 | 4/7/2015 |
| Matrix: | | | Water | Water | Water | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 10.4 | ND (3.3) | ND (3.3) | 6.1 J | ND (3.3) | 29.4 | ND (3.3) | 12 |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | 0.27 J | ND (0.25) | ND (0.25) | 0.36 J | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | ND (0.19) | 0.22 J | ND (0.19) | ND (0.19) | 0.25 J | ND (0.19) | ND (0.19) | ND (0.19) |
| Chloromethane | ug/l | 5 | 0.87 J | ND (0.41) | ND (0.41) | 0.57 J | ND (0.41) | 0.42 J | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | 1 | 0.49 J | 0.59 J | 3.5 | ND (0.17) | 1.3 | ND (0.17) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 1 | 1.1 | 0.95 J | 1.3 | ND (0.51) | ND (0.51) | ND (0.51) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.27) | 1.4 | 2.9 | 1.3 | 1.3 | 0.45 J | ND (0.27) | ND (0.27) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | 0.43 J | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| Toluene | ug/l | 5 | 0.47 J | 1.2 | 0.31 J | 0.78 J | 0.45 J | 2 | 1.4 | 2.1 |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | 0.66 J | 0.76 J | 1.2 | 0.84 J | ND (0.25) | ND (0.25) | ND (0.25) |

DRAFT - Attorney Client Privilege – Preliminary Data
Revision Date: 04/14/15

| | | | | | | | |
|----------------------------|------|--|-------------------------|-------------------------|---------------------------------|-----------------------------|--------------------------------|
| Accutest New Jersey | | | | Apr 13, 2015 15:48 pm | | | |
| Job Number: | | JB91939, JB92052 | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GVHB5 | | | | | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) ¹ | RW-21_VP-9 (556-557) | RW-21_VP-9 (567-568) | Legend: RW-21_VP-9 (591-592) | Hit RW-21_VP-9 (606-607) | Exceed RW-21_VP-9 (632-633) |
| Lab Sample ID: | | | JB91939-1 | JB91939-2 | JB92052-1 | JB92052-3 | JB92052-4 |
| Date Sampled: | | | 4/8/2015 | 4/8/2015 | 4/9/2015 | 4/9/2015 | 4/9/2015 |
| Matrix: | | | Water | Water | Water | Water | Water |
| Acetone | ug/l | - | 5.9 J | ND (3.3) | 6.5 J | ND (3.3) | ND (3.3) |
| Benzene | ug/l | 1 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) |
| Bromomethane | ug/l | 5 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (2.5) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | 0.43 J | ND (0.22) | ND (0.22) | 0.51 J |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| Chloroform | ug/l | 7 | 0.31 J | 1.2 | 1.1 | 11.2 | 14.5 |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) |
| 1,1-Dichloroethane | ug/l | 5 | 0.35 J | 3.3 | ND (0.17) | 3.9 | 8.2 |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | 0.39 J | ND (0.18) | 2.4 | 4.3 |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | 0.93 J | ND (0.51) | 1.9 | 4.9 |
| cis-1,2-Dichloroethene | ug/l | 5 | 0.63 J | 0.95 J | 1.3 | 29.4 | 123 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| Freon 113 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | 0.47 J |
| Toluene | ug/l | 5 | 1.5 | 1.7 | 0.79 J | 0.55 J | 0.71 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | 0.49 J | ND (0.25) | 0.65 J | 2 |

| | | | | | | | |
|----------------------------|------|---|-------------------------|-------------------------|----------------------------|-------------------------|--|
| Accutest New Jersey | | | | | | Apr 14, 2015 16:52 pm | |
| Job Number: | | JB92141, JB92308 | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | |
| Project: | | Northrop Grumman, OU3 Hot Spot, Bethpage, NY | | | | | |
| Project Number: | | NY001052.0000.GVHB6 | | | | | |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-9 (650-651) | RW-21_VP-9 (667-668) | RW-21_VP-9 (692-693) | RW-21_VP-9 (706-707) | |
| Lab Sample ID: | | | JB92141-1 | JB92141-2 | JB92308-1 | JB92308-3 | |
| Date Sampled: | | | 4/9/2015 | 4/9/2015 | 4/13/2015 | 4/13/2015 | |
| Matrix: | | | Water | Water | Water | Water | |
| Acetone | ug/l | - | ND (3.3) | ND (3.3) | 15.6 | ND (3.3) | |
| Benzene | ug/l | 2 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | |
| Bromodichloromethane | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromoform | ug/l | - | ND (0.23) | ND (0.23) | ND (0.23) | ND (0.23) | |
| Bromomethane | ug/l | 6 | ND (0.42) | ND (0.42) | ND (0.42) | ND (0.42) | |
| 2-Butanone (MEK) | ug/l | - | ND (5.6) | ND (5.6) | ND (5.6) | ND (5.6) | |
| Carbon disulfide | ug/l | 60 | ND (0.25) | ND (0.25) | ND (0.25) | 0.79 J | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Chlorodifluoromethane | ug/l | - | ND (0.44) | ND (0.44) | ND (0.44) | ND (0.44) | |
| Chloroethane | ug/l | 5 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | |
| Chloroform | ug/l | 7 | 0.40 J | 3.2 | ND (0.19) | ND (0.19) | |
| Chloromethane | ug/l | 5 | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.41) | |
| Dibromochloromethane | ug/l | - | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.90) | ND (0.90) | ND (0.90) | ND (0.90) | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.18) | 0.61 J | ND (0.18) | ND (0.18) | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | |
| cis-1,2-Dichloroethene | ug/l | 5 | 3.2 | 7 | ND (0.27) | ND (0.27) | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | |
| Ethylbenzene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | |
| Freon 114 | ug/l | 5 | ND (0.52) | ND (0.52) | ND (0.52) | ND (0.52) | |
| 2-Hexanone | ug/l | - | ND (1.7) | ND (1.7) | ND (1.7) | ND (1.7) | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | |
| Methylene chloride | ug/l | 5 | ND (0.73) | ND (0.73) | ND (0.73) | ND (0.73) | |
| Styrene | ug/l | 5 | ND (0.27) | ND (0.27) | ND (0.27) | ND (0.27) | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | |
| Tetrachloroethene | ug/l | 5 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | |
| Toluene | ug/l | 5 | 0.87 J | 30.6 | 0.40 J | 0.26 J | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | |

| | | | | |
|-----------------------|------|---|-----------|-----------|
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 4.7 | 6.5 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | 0.61 J | ND (0.38) |
| o-Xylene | ug/l | 5 | 0.29 J | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 25.8 | 7.14 |

| | | | | | | | | | | |
|-----------------------|------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 6.3 | 123 | 87.5 | 62.8 | 14.7 | 20.8 | 3.3 | 9 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 18.31 | 128.91 | 93.06 | 74.65 | 22.34 | 53.07 | 6 | 23.1 |

| | | | | | | | |
|-----------------------|------|---|-----------|-----------|-----------|-----------|-----------|
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | 0.81 J |
| Trichloroethene | ug/l | 5 | 8.1 | 7.2 | 4.9 | 64.9 | 241 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 5 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 16.79 | 16.59 | 14.59 | 114.9 | 400.4 |

| | | | | | | |
|-----------------------|------|---|-----------|-----------|-----------|-----------|
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Trichloroethene | ug/l | 5 | 19.8 | 1.1 | 0.26 J | 3.4 |
| Vinyl chloride | ug/l | 2 | ND (0.15) | ND (0.15) | ND (0.15) | ND (0.15) |
| m,p-Xylene | ug/l | - | ND (0.38) | ND (0.38) | ND (0.38) | ND (0.38) |
| o-Xylene | ug/l | 6 | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Total (SW846 8260C) | ug/l | - | 24.27 | 42.51 | 16.26 | 4.45 |

| | | | | | | | | |
|----------------------------|---|--|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | JB86761-JB87059 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW_21-VP-11 (302-303) | RW_21-VP-11 (322-323) | RW-21_VP-11 (345-346) | RW-21_VP-11 (350-351) | RW-21_VP-11 (365-366) | RW-21_VP-11 (382-383) |
| Sampling Depth (ft bls): | | | JB86761-7 | JB86761-8 | JB86982-1 | JB86982-2 | JB86982-4 | JB86982-5 |
| Lab Sample ID: | | | 1/19/2015 | 1/19/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 | 1/21/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | 15.9 | ND (2.7) | 13 | 12.9 | ND (2.7) | 10.9 |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | 0.34 J | 0.36 J | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 0.39 J | 0.41 J | 0.25 J | ND (0.20) | 0.26 J | ND (0.20) |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | 0.65 J | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | 2.5 | ND (0.35) | ND (0.35) | 4.7 | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | 0.99 J | ND (0.50) | ND (0.50) | 0.65 J | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | 0.48 J | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | 0.23 J | ND (0.22) | ND (0.22) | ND (0.22) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | 0.67 J | ND (0.32) | ND (0.32) | 0.62 J | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | 4.3 | 173 | 2.7 | 3.1 | 14.3 | 2 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 21.24 | 178.05 | 16.52 | 16.36 | 20.53 | 12.9 |

| | | | | | | | | |
|----------------------------|---|--|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | JB86761-JB87059 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-11 (402-403) | RW-21_VP-11 (422-423) | RW-21_VP-11 (442-443) | RW-21_VP-11 (462-463) | RW-21_VP-11 (482-483) | RW-21_VP-11 (512-513) |
| Sampling Depth (ft bls): | | | JB86982-6 | JB86982-8 | JB86982-9 | JB87059-6 | JB87059-7 | JB87517-1 |
| Lab Sample ID: | | | 1/22/2015 | 1/22/2015 | 1/22/2015 | 1/22/2015 | 1/23/2015 | 2/3/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | ND (2.7) | ND (2.7) | 28 | 3.6 J | 11.3 | 5.8 J |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | 0.36 J | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | 5.2 J |
| Carbon disulfide | ug/l | 60 | ND (0.17) | ND (0.17) | 0.41 J | ND (0.17) | 0.35 J | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 0.40 J | ND (0.20) | ND (0.20) | 0.42 J | 0.58 J | 0.52 J |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 4.2 | ND (0.35) | ND (0.35) | 4.3 | 2.3 | 8.8 |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | 1 | ND (0.50) | ND (0.50) | 0.92 J | ND (0.50) | 2.5 |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | 3.1 J | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | ND (0.22) | ND (0.22) | 0.23 J | ND (0.22) | 0.36 J | ND (0.22) |
| 1,1,1-Trichloroethane | ug/l | 5 | 1 | ND (0.32) | ND (0.32) | 0.95 J | ND (0.32) | 1.7 |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | 20.7 | 1.7 | 5.9 | 5.9 | 1.7 | 4.3 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | 0.64 J |
| o-Xylene | ug/l | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.26 J |
| Total (SW846 8260C) | ug/l | - | 27.3 | 1.7 | 37.64 | 16.09 | 16.95 | 29.72 |

| | | | | | | | | |
|----------------------------|---|--|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | JB86761-JB87059 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-11 (522-523) | RW-21_VP-11 (547-548) | RW-21_VP-11 (562-563) | RW-21_VP-11 (582-583) | RW-21_VP-11 (603-604) | RW-21_VP-11 (623-624) |
| Sampling Depth (ft bls): | | | JB87606-1 | JB87606-2 | JB87718-4 | JB87718-1 | JB87718-3 | JB87718-6 |
| Lab Sample ID: | | | 2/4/2015 | 2/4/2015 | 2/4/2015 | 2/5/2015 | 2/5/2015 | 2/5/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | 50.7 | 13.3 | 11.6 | 8.6 J | 3.8 J | 9.0 J |
| Benzene | ug/l | 1 | 0.45 J | ND (0.21) | ND (0.21) | ND (0.21) | 0.32 J | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | 8.6 J | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | 0.46 J | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | 0.28 J | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 0.31 J | 0.89 J | ND (0.20) | ND (0.20) | 18.9 | 0.72 J |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 0.96 J | 3 | ND (0.35) | ND (0.35) | 6 | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | 0.50 J | ND (0.30) | ND (0.30) | 7.1 | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | 1.4 | ND (0.50) | ND (0.50) | 5.4 | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | 3.6 | ND (0.33) | ND (0.33) | 105 | 3.1 |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | 0.81 J | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | 0.88 J | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | 0.33 J | 0.90 J | 0.98 J | 0.37 J | ND (0.31) | 0.45 J |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | 0.53 J | ND (0.35) | ND (0.35) | 0.70 J | ND (0.35) |
| Toluene | ug/l | 5 | 0.45 J | 0.47 J | 0.64 J | 0.41 J | 0.24 J | 0.92 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | 0.80 J | ND (0.32) | ND (0.32) | 2.2 | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | 1.2 | ND (0.36) |
| Trichloroethene | ug/l | 5 | 0.66 J | 14.8 | 0.51 J | 2 | 540 | 14.4 |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | 0.82 J | 4 | 3.7 | 0.74 J | 0.54 J | 1.6 |
| o-Xylene | ug/l | 5 | 0.47 J | 1.6 | 1.6 | 0.39 J | 0.25 J | 0.84 J |
| Total (SW846 8260C) | ug/l | - | 64.21 | 45.79 | 19.03 | 12.51 | 693.62 | 31.03 |

| | | | | | | | | |
|----------------------------|---|---|-----------------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------------------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | JB88095, JB88207, JB88448, JB89753 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-11 (642-643) | RW-21_VP_11 (686-687) | RW-21_VP_11 (701-702) | RW-21_VP-11 (711-712) | RW-21_VP-11 (742-743) | RW-21_VP-11 (752-753) |
| Sampling Depth (ft bls): | | | JB88095-1 | JB88207-1 | JB88207-4 | JB88448-1 | JB89753-1 | JB89753-3 |
| Lab Sample ID: | | | 2/11/2015 | 2/12/2015 | 2/12/2015 | 2/18/2015 | 3/11/2015 | 3/11/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | ND (11) | 6.7 J | 8.8 J | 6.0 J | ND (2.7) | 8.2 J |
| Benzene | ug/l | 1 | ND (0.85) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.75) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (1.2) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (1.5) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (9.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | ND (0.67) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.86) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.77) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (2.0) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (2.6) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | 3.8 J | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.22 J |
| Chloromethane | ug/l | 5 | ND (0.95) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.88) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (1.2) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | 1.8 J | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | 4.5 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (2.0) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | 75.5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (2.1) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (1.3) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.74) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (1.3) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (1.2) | ND (0.31) | 0.36 J | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (2.0) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (9.0) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (4.7) | ND (1.2) | ND (1.2) | 6.3 | ND (1.2) | 1.7 J |
| Methylene chloride | ug/l | 5 | ND (3.6) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.75) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (1.6) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (1.4) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | ND (0.88) | ND (0.22) | 0.92 J | ND (0.22) | 0.44 J | 0.66 J |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (1.3) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (1.4) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | 1870 | 0.29 J | 4.2 | 1.1 | ND (0.25) | 0.64 J |
| Vinyl chloride | ug/l | 2 | ND (0.66) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (1.4) | ND (0.35) | 0.70 J | ND (0.35) | ND (0.35) | 0.67 J |
| o-Xylene | ug/l | 5 | ND (0.80) | ND (0.20) | 0.48 J | ND (0.20) | ND (0.20) | 0.43 J |
| Total (SW846 8260C) | ug/l | - | 1955.6 | 6.99 | 15.46 | 13.4 | 0.44 | 12.52 |

| | | | | | | | | |
|----------------------------|---|--|--------------------------|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | JB89859-JB89934 | | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | Arcadis | | | | | | | |
| Project: | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-11 (762-764) | RW-21_VP-11 (767-768) | RW-21_VP-11 (771-772) | RW-21_VP-11 (777-778) | RW-21_VP-11 (781-782) | RW-21_VP-11 (796-797) |
| Sampling Depth (ft bls): | | | JB89859-1 | JB89859-2 | JB89859-4 | JB89859-5 | JB89859-6 | JB89934-1 |
| Lab Sample ID: | | | 3/11/2015 | 3/12/2015 | 3/12/2015 | 3/12/2015 | 3/12/2015 | 3/12/2015 |
| Date Sampled: | | | Water | Water | Water | Water | Water | Water |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | 2.7 J | 6.2 J | 4.1 J | 8.6 J | 15.8 | ND (2.7) |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | 0.23 J | ND (0.21) | ND (0.21) |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| Carbon disulfide | ug/l | 60 | 0.22 J | ND (0.17) | 0.23 J | ND (0.17) | ND (0.17) | ND (0.17) |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) | ND (0.65) |
| Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.21 J | ND (0.20) |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) | ND (0.24) |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) | ND (0.22) |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) | ND (0.30) |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.33) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) | ND (0.51) |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.34) |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) | ND (0.18) |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) | ND (0.31) |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) | ND (2.3) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) | ND (1.2) |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) | ND (0.89) |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) | ND (0.19) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) | ND (0.39) |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) | ND (0.35) |
| Toluene | ug/l | 5 | 0.39 J | 0.66 J | 0.29 J | 0.84 J | 0.52 J | ND (0.22) |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) | ND (0.32) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) | ND (0.36) |
| Trichloroethene | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | 0.47 J | 0.53 J | ND (0.25) |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) | ND (0.16) |
| m,p-Xylene | ug/l | - | ND (0.35) | 0.38 J | ND (0.35) | 0.53 J | ND (0.35) | ND (0.35) |
| o-Xylene | ug/l | 5 | ND (0.20) | 0.26 J | ND (0.20) | 0.37 J | 0.28 J | ND (0.20) |
| Total (SW846 8260C) | ug/l | - | 3.31 | 7.5 | 4.62 | 11.04 | 17.34 | 0 |

| | | | | | | | | |
|----------------------------|------|--|--------------------------|--------------------------|--------------------------|----------------------------|-----|--------|
| Accutest New Jersey | | | | | | | | |
| Job Numbers: | | JB89934-JB90072 | | | | PRELIMINARY / PARTIAL Data | | |
| Account: | | Arcadis | | | | | | |
| Project: | | Northrop Grumman, OU3 Hydro, Bethpage, NY | | | | | | |
| | | | | | | Legend: | Hit | Exceed |
| Client Sample ID: | | NY TOGS Class GA GW Standards (NYSDEC 6/2004) | RW-21_VP-11 (806-807) | RW-21_VP-11 (812-813) | RW-21_VP-11 (817-818) | | | |
| Sampling Depth (ft bls): | | | JB89934-3 | JB90072-1 | JB90072-2 | | | |
| Lab Sample ID: | | | 3/13/2015 | 3/16/2015 | 3/16/2015 | | | |
| Date Sampled: | | | Water | Water | Water | | | |
| Matrix: | | | | | | | | |
| Acetone | ug/l | - | 9.5 J | 7.5 J | 4.9 J | | | |
| Benzene | ug/l | 1 | ND (0.21) | ND (0.21) | ND (0.21) | | | |
| Bromodichloromethane | ug/l | - | ND (0.19) | ND (0.19) | ND (0.19) | | | |
| Bromoform | ug/l | - | ND (0.31) | ND (0.31) | ND (0.31) | | | |
| Bromomethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | | | |
| 2-Butanone (MEK) | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | | | |
| Carbon disulfide | ug/l | 60 | ND (0.17) | 0.34 J | 0.23 J | | | |
| Carbon tetrachloride | ug/l | 5 | ND (0.22) | ND (0.22) | ND (0.22) | | | |
| Chlorobenzene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | | | |
| Chlorodifluoromethane | ug/l | - | ND (0.51) | ND (0.51) | ND (0.51) | | | |
| Chloroethane | ug/l | 5 | ND (0.65) | ND (0.65) | ND (0.65) | | | |
| Chloroform | ug/l | 7 | ND (0.20) | ND (0.20) | ND (0.20) | | | |
| Chloromethane | ug/l | 5 | ND (0.24) | ND (0.24) | ND (0.24) | | | |
| Dibromochloromethane | ug/l | - | ND (0.22) | ND (0.22) | ND (0.22) | | | |
| Dichlorodifluoromethane | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | | | |
| 1,1-Dichloroethane | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | | | |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (0.35) | ND (0.30) | ND (0.30) | | | |
| 1,1-Dichloroethene | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | | | |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (0.33) | ND (0.33) | ND (0.33) | | | |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (0.51) | ND (0.51) | ND (0.51) | | | |
| 1,2-Dichloropropane | ug/l | 1 | ND (0.34) | ND (0.34) | ND (0.34) | | | |
| cis-1,3-Dichloropropene | ug/l | - | ND (0.18) | ND (0.18) | ND (0.18) | | | |
| trans-1,3-Dichloropropene | ug/l | - | ND (0.32) | ND (0.32) | ND (0.32) | | | |
| Ethylbenzene | ug/l | 5 | ND (0.31) | ND (0.31) | ND (0.31) | | | |
| Freon 113 | ug/l | 5 | ND (0.50) | ND (0.50) | ND (0.50) | | | |
| 2-Hexanone | ug/l | - | ND (2.3) | ND (2.3) | ND (2.3) | | | |
| 4-Methyl-2-pentanone(MIBK) | ug/l | - | ND (1.2) | ND (1.2) | ND (1.2) | | | |
| Methylene chloride | ug/l | 5 | ND (0.89) | ND (0.89) | ND (0.89) | | | |
| Styrene | ug/l | 5 | ND (0.19) | ND (0.19) | ND (0.19) | | | |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (0.39) | ND (0.39) | ND (0.39) | | | |
| Tetrachloroethene | ug/l | 5 | ND (0.35) | ND (0.35) | ND (0.35) | | | |
| Toluene | ug/l | 5 | 0.32 J | ND (0.22) | ND (0.22) | | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (0.32) | ND (0.32) | ND (0.32) | | | |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (0.36) | ND (0.36) | ND (0.36) | | | |
| Trichloroethene | ug/l | 5 | ND (0.25) | ND (0.25) | ND (0.25) | | | |
| Vinyl chloride | ug/l | 2 | ND (0.16) | ND (0.16) | ND (0.16) | | | |
| m,p-Xylene | ug/l | - | 0.44 J | ND (0.35) | ND (0.35) | | | |
| o-Xylene | ug/l | 5 | 0.20 J | ND (0.20) | ND (0.20) | | | |
| Total (SW846 8260C) | ug/l | - | 10.46 | 7.84 | 5.13 | | | |